

SUMMARY OF CTA/UTP GENERAL SESSION OF SEPTEMBER 8, 2016*

Operating Committee Participants: *Present:* BATS Exchange, Inc., BATS-Y Exchange, Inc., Chicago Stock Exchange, Inc., EDGA Exchange, Inc., EDGX Exchange, Inc., Financial Industry Regulatory Authority, Inc., International Securities Exchange LLC, Investors' Exchange LLC, NASDAQ OMX BX, Inc., NASDAQ OMX PHLX, Inc., NASDAQ Stock Market LLC, National Stock Exchange, New York Stock Exchange LLC, NYSE Arca, Inc., and NYSE MKT LLC.

Advisory Committee Members: *Present:* Retail Representative (Richard Urian, Ameritrade), Investor Representative (Thomas Jordan, Jordan & Jordan), Vendor Representative (Kerry Baker-Relf, Thomson Reuters), ATS Representative (Ed Flynn, Morgan Stanley), Institutional Representative (Bill Conti, Goldman Sachs), Participant Representatives (Brett Redfean (JP Morgan), Paul O'Donnell (Morgan Stanley) and Ann Neidenbach (Convergex)).

Security Information Processors (SIPs): *Present:* CTA SIP (SIAC), UTP SIP (Nasdaq)

Securities & Exchange Commission (SEC): *Present:* Yes

Murphy & McGonigle, P.C.: *Present:* Yes

Proceedings:

1. Network Administrator Reports. The network administrators reviewed changes in professional devices, nonprofessional subscriber populations and the number of per-query inquiries received during the quarter. These trends are available in the quarterly metrics reports, which are publicly available on the UTP Plan and CTA Plan websites.
2. Review of University of California Paper. Professors Robert P. Bartlett III and Justin McCary from the University of California presented a summary of their paper "How Rigged Are Stock Markets? Evidence from Microsecond Timestamps."¹
3. Nasdaq Third Party Services. The meeting participants discussed Nasdaq's Third Party Services and fees associated with a physical connection for third-party content including UTP access.
4. Non-Display Clarification. The meeting participants discussed recommended changes to the schedule of charges and the policy for non-display use.
5. Nonprofessional Subscriber Subcommittee. The meeting participants discussed details of an effort by the Plan Administrators to verify the classification of data users as professionals or non-professionals.
6. SIP Reports. The SIPs reported on their performance and activities since the June meeting. They addressed capacity, peak usage, system availability and latency statistics, operational activities, production issues, SIP resiliency/performance activities, enhanced

¹ A copy of the paper can be found at http://eml.berkeley.edu/~jmccrary/bartlett_mccrary2016.pdf.

statistics reports, and recent development activities. Metrics on SIP performance are publicly available in a quarterly report on the UTP Plan and CTA Plan websites.

7. Advisory Committee Matters. Advisory Committee representatives raised for discussion, and the meeting participants discussed, the following:
 - A. Resumption of Trading Halts for Non-Exchanges.
 - B. UTP Derived Price Data-Single Security Specifically Excluding Indications of Interest (“IOIs”).
 - C. Conflicts of Interest Policies vis-à-vis Customer Information and Marketing.
 - D. Discussion of SIP Latencies.
 - E. Distribution of Market Data Revenue Allocation to the Advisory Committee.
 - F. Executive Committee Subcommittees.
 - G. EMSAC Trading Venues Regulation Subcommittee Recommendations.

* This summary is intended as an informal recap of discussions that occurred at the general session and is subject to revision and to the approval of the Participants.

Agenda for September 8, 2016 Executive Session

Approval of the Minutes

Administrator Reports

Non-Display Clarification

Legal Subcommittee

CTC Plan

Trading Halt Amendments

CBOE Withdrawal

Committee Counsel

SIP Report